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Can florpyrauxifen formulations control wild carrot (*Daucus carota*) in pastures? McCarthy Park experiment

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- Wild carrot at application indicated by arrow
- Research site: pasture dominated by cool-season grasses (56-69% cover at herbicide application)

How We Sprayed Treatments	
Application Timing	May 6th, 2020 – wild carrot 5" tall
Spray Equipment	CO_2 pressurized 10-foot boom sprayer (20 GPA)

Herbicide Treatments		
Treatment	**Active Ingredient**	**Rate**
1. ProClova	2,4-D amine + florpyrauxifen	24 fluid ounces per acre (fl oz/A)
2. GF-4574	2,4-D choline + florpyrauxifen	28 fl oz/A
3. GF-4574	2,4-D choline + florpyrauxifen	28 fl oz/A
4. GF-4574	2,4-D choline + florpyrauxifen	24 fl oz/A
5. ProClova	2,4-D amine + florpyrauxifen	48 fl oz/A
6. GF-4574	2,4-D choline + florpyrauxifen	56 fl oz/A
7. GF-4574	2,4-D choline + florpyrauxifen	56 fl oz/A
8. GF-4574	2,4-D choline + florpyrauxifen	48 fl oz/A
9. DuraCor	aminopyralid + florpyrauxifen	12 fl oz/A
10. Loyant	florpyrauxifen	4.9 fl oz/A
11. Enlist One	2,4-D choline	16.8 fl oz/A
12. Loyant Enlist One	florpyrauxifen 2,4-D choline	4.9 fl oz/A 16.8 fl oz/A

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Key Takeaways:

- all treatments containing florpyrauxifen **except** DuraCor provided ≥90% control of second year wild carrot
- increasing rates of florpyrauxifen (>24-28 fl oz/A) **did not** increase wild carrot control